

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14807	118/715-733.ccls.	US-PPGPUB; USPAT	OR	OFF	2009/03/15 09:00
L2	10218	1 and @ad<"20031203"	US-PPGPUB; USPAT	OR	OFF	2009/03/15 09:01
L3	159	2 and ((gas\$3 near6 (imping\$4 strike\$2)) with (wafer\$2 substrate\$2 object\$2))	US-PPGPUB; USPAT	OR	OFF	2009/03/15 09:03
L4	24	2 and ((gas\$3 near6 hit\$4) with (wafer\$2 substrate\$2 object\$2))	US-PPGPUB; USPAT	OR	OFF	2009/03/15 09:18
L5	1	"5772760".pn.	US-PPGPUB; USPAT	OR	OFF	2009/03/15 10:00
L9	1	"5525159".pn.	US-PPGPUB; USPAT	OR	OFF	2009/03/15 10:13
L15	25113	118/715-733.ccls. 156/345.\$2.ccls. 315/111.\$2.ccls. 204/298.\$2.ccls.	US-PPGPUB; USPAT	OR	OFF	2009/03/15 10:45
L16	16967	15 and @ad<"20031203"	US-PPGPUB; USPAT	OR	OFF	2009/03/15 10:45
L17	220	16 and ((phase\$2 near7 (shift\$3 chang\$4 varied variable control\$4)) with (coil\$2 anten\$4 electromagnet\$4 magnet\$4))	US-PPGPUB; USPAT	OR	OFF	2009/03/15 10:47
L18	1	"20040112543"	US-PPGPUB; USPAT	OR	OFF	2009/03/15 11:05
L19	1	"20070110644"	US-PPGPUB; USPAT	OR	OFF	2009/03/15 11:53
L20	104	(yasuhiko near2 kasama).in. (kenji near2 omote).in. (kuniyoshi near2 yokoh).in.	US-PPGPUB; USPAT	OR	OFF	2009/03/15 12:14
L21	24	_20 and ((deposit\$4 coat\$3 film\$2 layer42 membrane\$2) and plasma)	US-PPGPUB; USPAT	OR	OFF	2009/03/15 12:14
L22	5	(ideal near2 star).as.	US-PPGPUB; USPAT	OR	OFF	2009/03/15 12:14
L23	27	21 or 22	US-PPGPUB; USPAT	OR	OFF	2009/03/15 12:14

L24	7	23 and microwave\$2	US-PGPUB; USPAT	OR	OFF	2009/03/15 12:35
S1	1	"20070110644"	US-PGPUB; USPAT	OR	OFF	2009/03/12 08:24
S2	104	(yasuhiko near2 kasama).in. (kenji near2 omote).in. (kuniyoshi near2 yokoh).in.	US-PGPUB; USPAT	OR	OFF	2009/03/12 08:26
S3	20	S2 and fullerene	US-PGPUB; USPAT	OR	OFF	2009/03/12 08:26
S4	408	"427"/\$.ccls. and fullerene	US-PGPUB; USPAT	OR	OFF	2009/03/12 08:56
S5	98	"427"/\$.ccls. and microwave\$2 and fullerene	US-PGPUB; USPAT	OR	OFF	2009/03/12 08:57
S7	56	S5 and @ad<"20031203"	US-PGPUB; USPAT	OR	OFF	2009/03/12 08:57
S8	21	"118"/\$.ccls. and microwave\$2 and fullerene\$2	US-PGPUB; USPAT	OR	OFF	2009/03/12 11:59
S9	58	"118"/\$.ccls. and microwave\$2 and (fullerene\$2 nanotube\$2)	US-PGPUB; USPAT	OR	OFF	2009/03/12 11:59
S11	19	S9 and @ad<"20031203"	US-PGPUB; USPAT	OR	OFF	2009/03/12 12:00
S12	279	"427"/\$.ccls. and microwave\$2 and (fullerene\$2 nanotube\$2)	US-PGPUB; USPAT	OR	OFF	2009/03/12 12:01
S13	119	S12 and @ad<"20031203"	US-PGPUB; USPAT	OR	OFF	2009/03/12 12:02
S14	104	S13 not S11	US-PGPUB; USPAT	OR	OFF	2009/03/12 12:53
S15	176	Fullerene\$2 with sublim\$5	US-PGPUB; USPAT	OR	OFF	2009/03/12 13:14
S16	91	S15 and @ad<"20031203"	US-PGPUB; USPAT	OR	OFF	2009/03/12 13:15
S17	2	S16 and "118"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2009/03/12 13:15
S18	21	S16 and "427"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2009/03/12 13:16
S19	21	S18 and @ad<"20031203"	US-PGPUB; USPAT	OR	OFF	2009/03/12 13:16

S20	59	(deposit\$4 coat\$4 film\$4 layer\$2) and (Fullerene\$2 with sublim\$5) and microwave\$2	US-PPGPUB; USPAT	OR	OFF	2009/03/12 13:25
S21	30	S20 and @ad<"20031203"	US-PPGPUB; USPAT	OR	OFF	2009/03/12 13:25
S22	2	(deposit\$4 coat\$4 film\$4 layer\$2) and (Fullerene\$2 with sublim\$5) and microwave\$2	EPO; JPO; DERWENT	OR	OFF	2009/03/12 13:33
S23	19	(US-20070110644-\$ or US-20050253134-\$ or US-20070009405-\$ or US-20070042394-\$ or US-20070295935-\$ or US-20080296510-\$ or US-20080226835-\$ or US-20090022648-\$ or US-20030064169-\$ or US-20060062930-\$).did. or (US-5132105-\$ or US-5529815-\$ or US-5772760-\$ or US-6337110-\$ or US-5393572-\$ or US-5849079-\$ or US-5620512-\$ or US-5876684-\$ or US-5885541-\$).did.	US-PPGPUB; USPAT	OR	OFF	2009/03/12 14:19
S24	5	S23 and mirror	US-PPGPUB; USPAT	OR	OFF	2009/03/12 14:19
S25	1	"6346303".pn.	US-PPGPUB; USPAT	OR	OFF	2009/03/12 14:23
S26	43	("4495044"   "4859493"   "4871581"   "4915977"   "4922827").PN. OR ("5132105").URPN.	US-PPGPUB; USPAT; USOOR	OR	OFF	2009/03/12 14:48
S27	40	S26 and @ad<"20031203"	US-PPGPUB; USPAT	OR	OFF	2009/03/12 14:51
S28	10	S27 and (Fullerene\$2 and microwave\$2 and (sublim\$5 heat\$4 vapor\$6))	US-PPGPUB; USPAT	OR	OFF	2009/03/12 14:52
S29	1258	118/7231.ccls. 156/345.48.ccls.	US-PPGPUB; USPAT	OR	OFF	2009/03/12 16:08
S30	948	S29 and @ad<"20031203"	US-PPGPUB; USPAT	OR	OFF	2009/03/12 16:08
S31	33	S30 and (antenn\$3 with coil\$3 with phase\$3)	US-PPGPUB; USPAT	OR	OFF	2009/03/12 16:09
S32	25	(ECR cyclotron) and (((antenn\$3 coil\$3) with phase\$3) with (dense density))	US-PPGPUB; USPAT	OR	OFF	2009/03/12 16:18
S33	13	S32 and @ad<"20031203"	US-PPGPUB; USPAT	OR	OFF	2009/03/12 16:19
S34	459	(ECR cyclotron) and (((antenn\$3 coil\$3) with phase\$3)	US-PPGPUB; USPAT	OR	OFF	2009/03/12 16:25
S35	209	(ECR cyclotron) and (((antenn\$3 coil\$3) with phase\$3) same5 (density dense))	US-PPGPUB; USPAT	OR	OFF	2009/03/12 16:26

S36	158	S35 and @ad<"20031203"	US-PGPUB; USPAT	OR	OFF	2009/03/12 16:26
S37	1	"6787200".pn.	US-PGPUB; USPAT	OR	OFF	2009/03/12 16:46
S38	61	S36 and helic\$5	US-PGPUB; USPAT	OR	OFF	2009/03/12 17:52
S39	27	(US-20070110644-\$ or US-20050253134-\$ or US-20070009405-\$ or US-20070042394-\$ or US-20070295935-\$ or US-20080296510-\$ or US-20080226835-\$ or US-20090022648-\$ or US-20030064169-\$ or US-20060062930-\$ or US-20030129305-\$ or US-20020139476-\$ or US-20020185226-\$ or US-20040112543-\$).did. or (US-5132105-\$ or US-5529815-\$ or US-5772760-\$ or US-6337110-\$ or US-5393572-\$ or US-5849079-\$ or US-5620512-\$ or US-5876684-\$ or US-5885541-\$ or US-6346303-\$ or US-6158384-\$ or US-5003225-\$ or US-5146137-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/03/12 20:43
S40	1	S39 and (magnetic adj mirror\$2)	US-PGPUB; USPAT	OR	OFF	2009/03/12 20:43
S41	6	S39 and mirror\$2	US-PGPUB; USPAT	OR	OFF	2009/03/12 20:45
S42	1	"6787200".pn.	US-PGPUB; USPAT	OR	OFF	2009/03/12 20:46
S43	47	(four near4 phase\$2) with (coil\$3 winding\$2 antenna) with (helical helix spiral\$4)	US-PGPUB; USPAT	OR	OFF	2009/03/12 21:08
S44	43	S43 and @ad<"20031203"	US-PGPUB; USPAT	OR	OFF	2009/03/12 21:09
S45	0	"2006009340"	US-PGPUB; USPAT	OR	OFF	2009/03/12 23:07
S46	1	"20060099340"	US-PGPUB; USPAT	OR	OFF	2009/03/12 23:08
S47	0	(ECR cyclotron) and (three near4 phase\$2) with (coil\$3 winding\$2 antenna) with (helical helix spiral\$4)	US-PGPUB; USPAT	OR	OFF	2009/03/13 08:08
S48	0	(ECR cyclotron) and ((three near4 phase\$2) with (coil\$3 winding\$2 antenna) with (helical helix spiral\$4))	US-PGPUB; USPAT	OR	OFF	2009/03/13 08:08
S49	36	(three near4 phase\$2) with (coil\$3 winding\$2 antenna) with (helical helix spiral\$4)	US-PGPUB; USPAT	OR	OFF	2009/03/13 08:09
S50	27	S49 and @ad<"20031203"	US-PGPUB; USPAT	OR	OFF	2009/03/13 08:09

S51	4968	118/723MW,723ME,723MR,723MA,723AN,723I,723 R.ccls. 156/345.35,345.36,345.41,345.43-345.48.ccls. 315/111.21-111.71.ccls.	US-PGPUB; USPAT	OR	OFF	2009/03/13 08:21
S52	3721	S51 and @ad<"20031203"	US-PGPUB; USPAT	OR	OFF	2009/03/13 08:22
S53	0	S52 and ((three near4 phase\$2) with (coil\$3 winding\$2 antenna) with (helical helix spiral\$4))	US-PGPUB; USPAT	OR	OFF	2009/03/13 08:22
S54	12	S52 and ((three near4 phase\$2) with (coil\$3 winding\$2 antenna))	US-PGPUB; USPAT	OR	OFF	2009/03/13 08:23
S55	634	118/723MW,723ME,723MR,723MA,723AN,723I,723 R.ccls. and (ECR cyclotron)	US-PGPUB; USPAT	OR	OFF	2009/03/13 08:37
S56	544	S55 and @ad<"20031203"	US-PGPUB; USPAT	OR	OFF	2009/03/13 08:37
S57	59	S56 and (phase\$2 near7 (shift\$3 chang\$4 varied variable))	US-PGPUB; USPAT	OR	OFF	2009/03/13 08:38
S58	16	("20010008798"   "20010008798"   "4430290"   "4778561"   "4842707"   "4947085"   "4952273"   "5003152"   "5115167"   "5198725"   "5317081"   "5366586"   "5954882"   "6010755"   "6105534"   "6308654"   "6333269").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/13 09:15
S59	4	S58 and phase\$2	US-PGPUB; USPAT	OR	OFF	2009/03/13 09:16
S60	544	S56 and (ECR cyclotron)	US-PGPUB; USPAT	OR	OFF	2009/03/13 09:27
S61	1	"5525159".pn.	US-PGPUB; USPAT	OR	OFF	2009/03/13 09:49
S62	1046	(ECR cyclotron) and (remote\$3 and (partition\$4 grid screen (control adj electrode)))	US-PGPUB; USPAT	OR	OFF	2009/03/13 11:08
S63	577	S62 and @ad<"20031203"	US-PGPUB; USPAT	OR	OFF	2009/03/13 11:09
S64	45	S63 and (118/715-733 156/345.\$2).ccls.	US-PGPUB; USPAT	OR	OFF	2009/03/13 11:09
S65	255	(ECR cyclotron) and (fullerene\$2 nanotube\$2 diamond) and (remote\$3 and (partition\$4 grid screen (control adj electrode)))	US-PGPUB; USPAT	OR	OFF	2009/03/13 11:16
S66	253	S65 not S64	US-PGPUB; USPAT	OR	OFF	2009/03/13 11:16
S67	0	"2006009340"	US-PGPUB; USPAT	OR	OFF	2009/03/14 17:03

S68	1	"20060099340"	US-PGPUB; USPAT	OR	OFF	2009/03/14 17:03
S69	1	"20050284575"	US-PGPUB; USPAT	OR	OFF	2009/03/14 17:04

3/15/2009 2:27:29 PM

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